

“Data everywhere.....but a scarcity of talent with the skills to make sense of it and create value”.

“As the need of analytics becomes more widespread, there is mounting demand for—and a growing shortage of—professionals with strong quantitative skills coupled with an understanding of how the techniques are applied to business and the variety of critical tasks facing decision-makers”

From:

Michael Rappa, IAA, January 2017 <http://go.ncsu.edu/msa>



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https://www.sas.com/pl_pl/events/2016/advanced-analytics-and-data-science-2016/index.html



Ewa Frątczak

Dr hab. Ewa Frątczak, professor of the Warsaw School of Economics – SGH (economy – demography and statistics)

Research interests: statistics, advanced statistics and demography (family and individual life cycle, fertility, low fertility process of the family change, ageing); longitudinal analysis (survival analysis, event history analysis, panel analysis, joint models for survival and panel data, survival predictive models); advanced methods of statistical analysis (multilevel models, mixed models, advanced models of logistic regression, survival models, advanced business models); theory and practice retrospective, panel and prospective survey.

Selected research activities:

• Head of Event History and Multilevel Analysis Unit, Institute of Statistics and Demography, Collegium of Economic Analysis, Warsaw School of Economics – since 2006

• Member of the Governing Committee and Member of the Executive Committee RECOOWE Project (RECOOWE - Reconciling Work and Welfare in Europe – Network of Excellence, Sixth Framework Programme, 2006 – 2011).

• Member of Editorial Board Statistical Associates Publishers years, 2013-2016 <http://www.statisticalassociates.com/edboard.htm>

• Author and co-organizer of the International Workshop Advanced Analytics and Data Science: http://www.sas.com/pl_pl/events/2015/advanced-analytics-and-data-science/index.html

Selected important publications:

1. E. Frątczak, Analiza danych wzdłużnych (Longitudinal data analysis in) w: Statystyka. Zastosowania biznesowe i społeczne. Praca pod red. E. Frątczak, A. Kamiński, J. Kordecki, Wyd. WSiM w Warszawie, 2014, p. 81-123

2. L.Sz. Oláh, E. Frątczak (red.) "Childbearing Women's Employment and Work-Life Balance Policies in Temporary Europe", Palgrave and Macmillan, 2013.

3. E. Frątczak, A. Pak-Chmielewska: Chapter 5. The Interplay of Fertility Intentions, Female Employment and Work-Life Balance Policies in Contemporary Poland: Can Gender Equity, Preference and Social Capital Theories Provide a Better Insight w: L.Sz. Oláh, E. Frątczak (red.) "Childbearing Women's Employment and Work-Life Balance Policies in Temporary Europe", p. 135-178. Palgrave and Macmillan, 2013.

4. E. Frątczak, A. Korczyński, Statystyka od podstaw z systemem SAS (Basic Statistics with SAS) , Oficyna Wydawnicza SGH, Warszawa, 2013.

5. E. Frątczak, Demographic Processes: past, present and future – selected issues in: Papers on Global Change (GBC PAS Vol.20, 2013), p. 63 – 84.

6. E. Frątczak Zawansowe metody analiz statystycznych (Advanced methods of statistical analysis), redakcja naukowa E. Frątczak, Oficyna Wydawnicza SGH, 2012

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